

Sachita Nishal

Social Computing • Machine Learning • Networks

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RESEARCH EXPERIENCE

Graduate Research Assistant

Northwestern University

📅 09/2020 – Ongoing

- Using crowd-sourced surveys to build automated pipelines for computational news discovery in science journalism.
- Advised by Dr. Nicholas Diakopoulos.

Graduate Research Assistant

Northwestern University

📅 03/2021 – Ongoing

- Investigating the causal mechanism of artistic success in the music industry using MIR features and artist collaboration networks.
- Advised by Dr. Ágnes Horvát.

Research Intern

Microsoft Research, Bangalore

📅 05/2020 – 08/2020

- Employed methods from machine learning and network science to investigate how Indian politicians leverage Twitter interactions with celebrities for brand-building.
- Advised by Dr. Joyojeet Pal

Undergraduate Research Assistant

Northwestern University

📅 06/2019 – 12/2019

- Studied the impact of novelty on the commercial and critical success of American films using network models to analyze cinematic tropes.
- Advised by Dr. Luís Amaral.

TEACHING & MENTORSHIP

Editor, The BITS R&D Blog

BITS Pilani

📅 2019 - 2020

Teaching Assistant, CS F363: Compiler Construction

BITS Pilani

📅 2020

EDUCATION

Ph.D. in Technology and Social Behavior

Northwestern University

📅 09/2020 – Ongoing | Evanston, IL

B.E. (Hons.) in Computer Science

Birla Institute of Technology and Science (BITS), Pilani

📅 08/2016– 06/2020 | Goa, India

SKILLS

Research Methods

Experimental Design Machine Learning
Text-as-Data Network Science
Causal Inference Surveys
Grounded Theory

Programming and Tools

Python R HTML / CSS SQL
D3 / JavaScript Tableau